



DATA SYSTEM HAVING A VIRTUAL QUEUE

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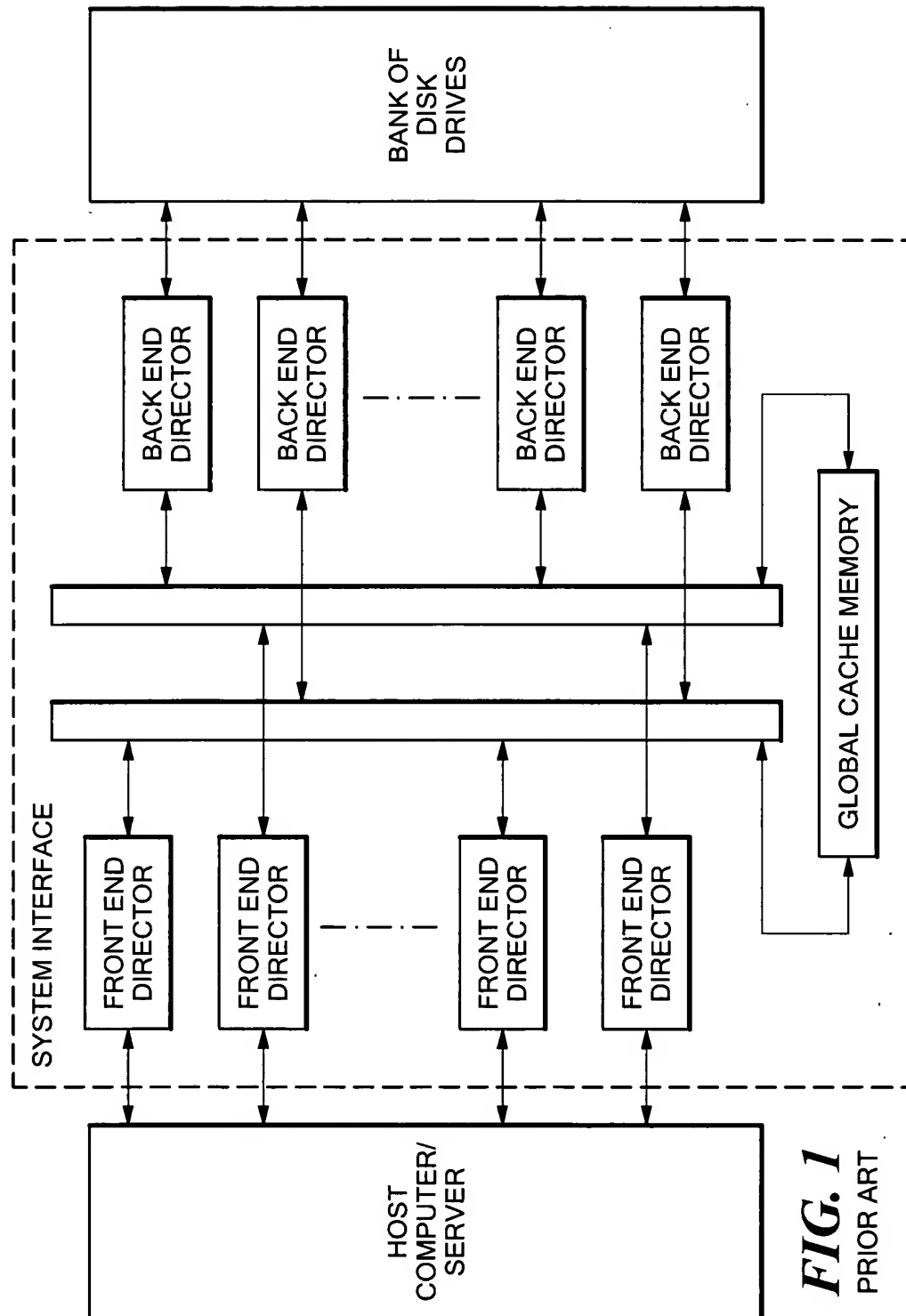


FIG. 1
PRIOR ART

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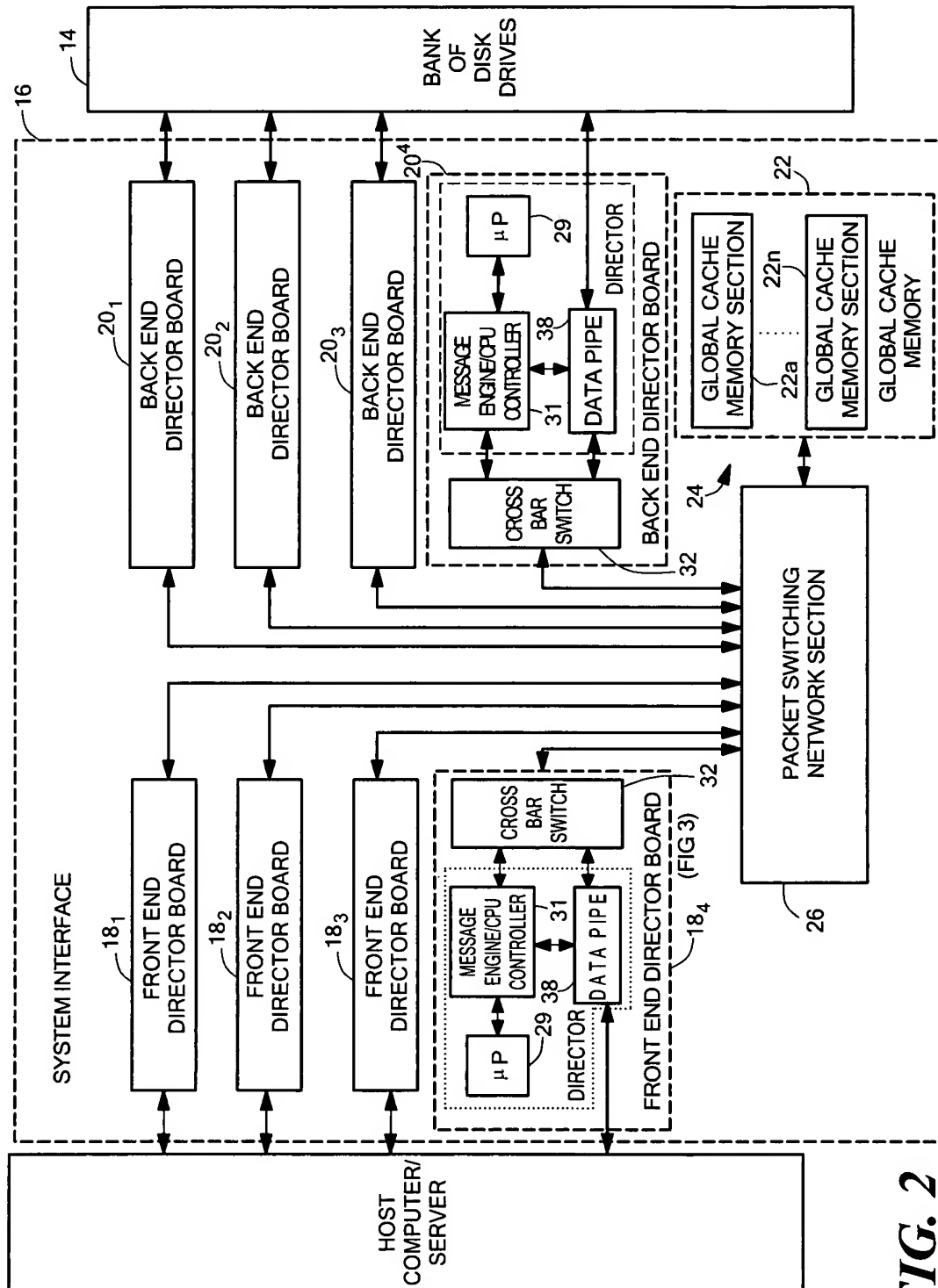


FIG. 2

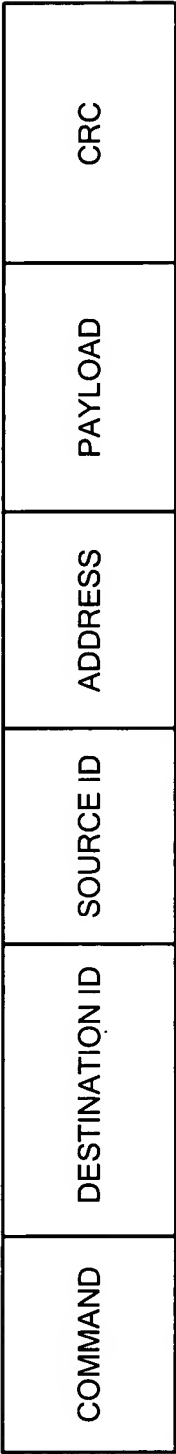


FIG. 2A

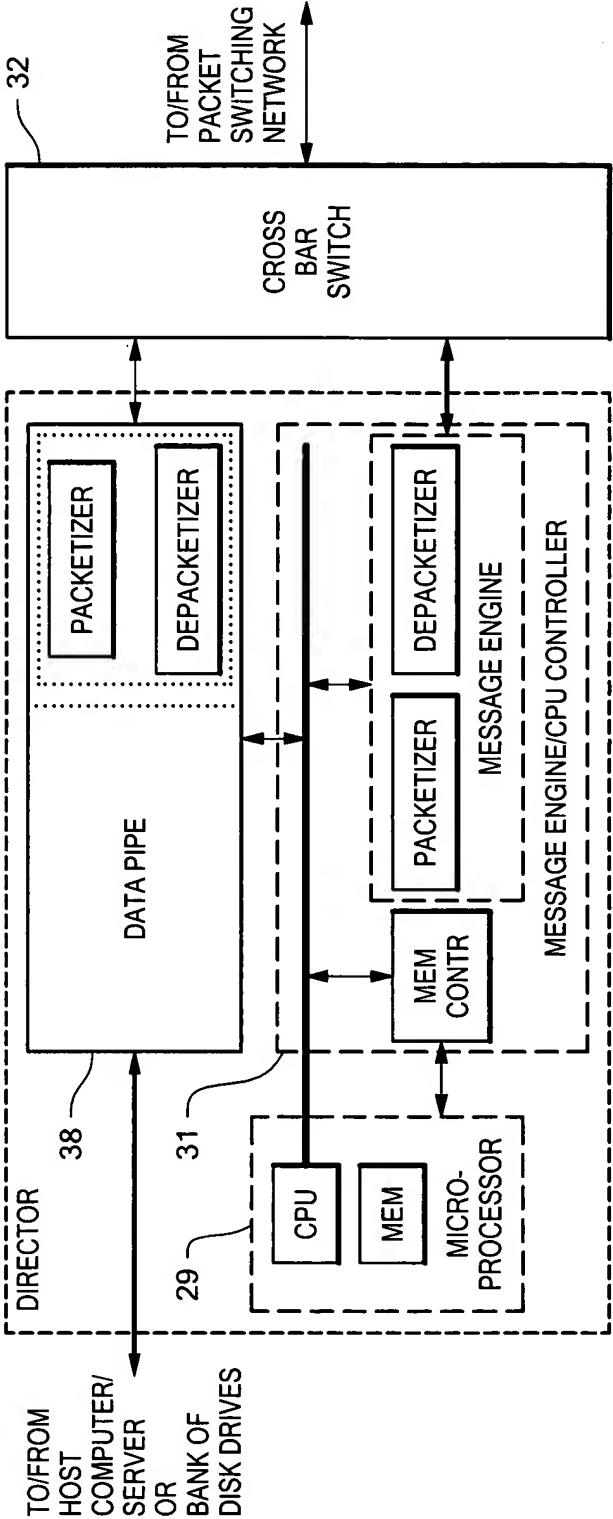


FIG. 3

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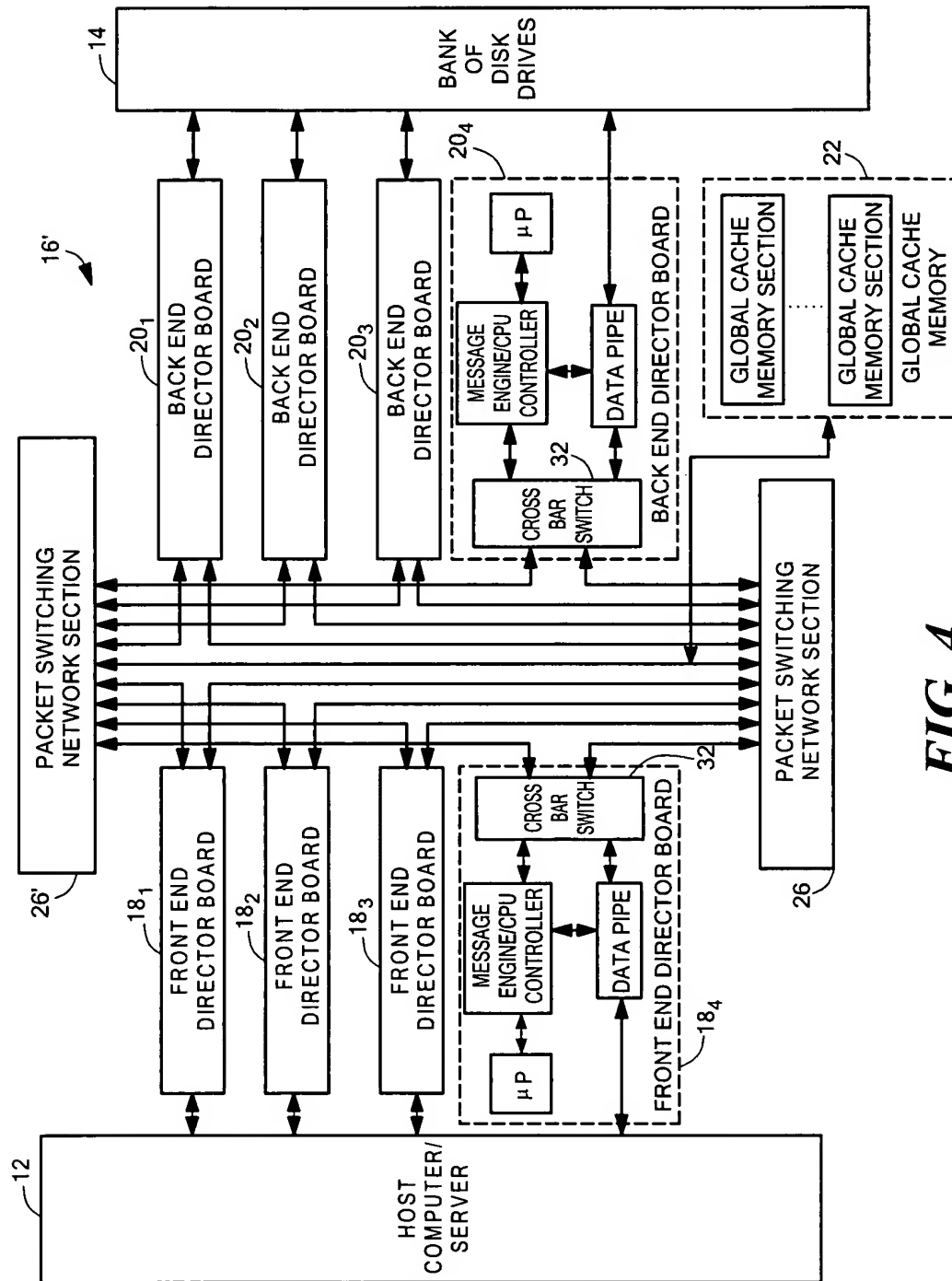


FIG. 4

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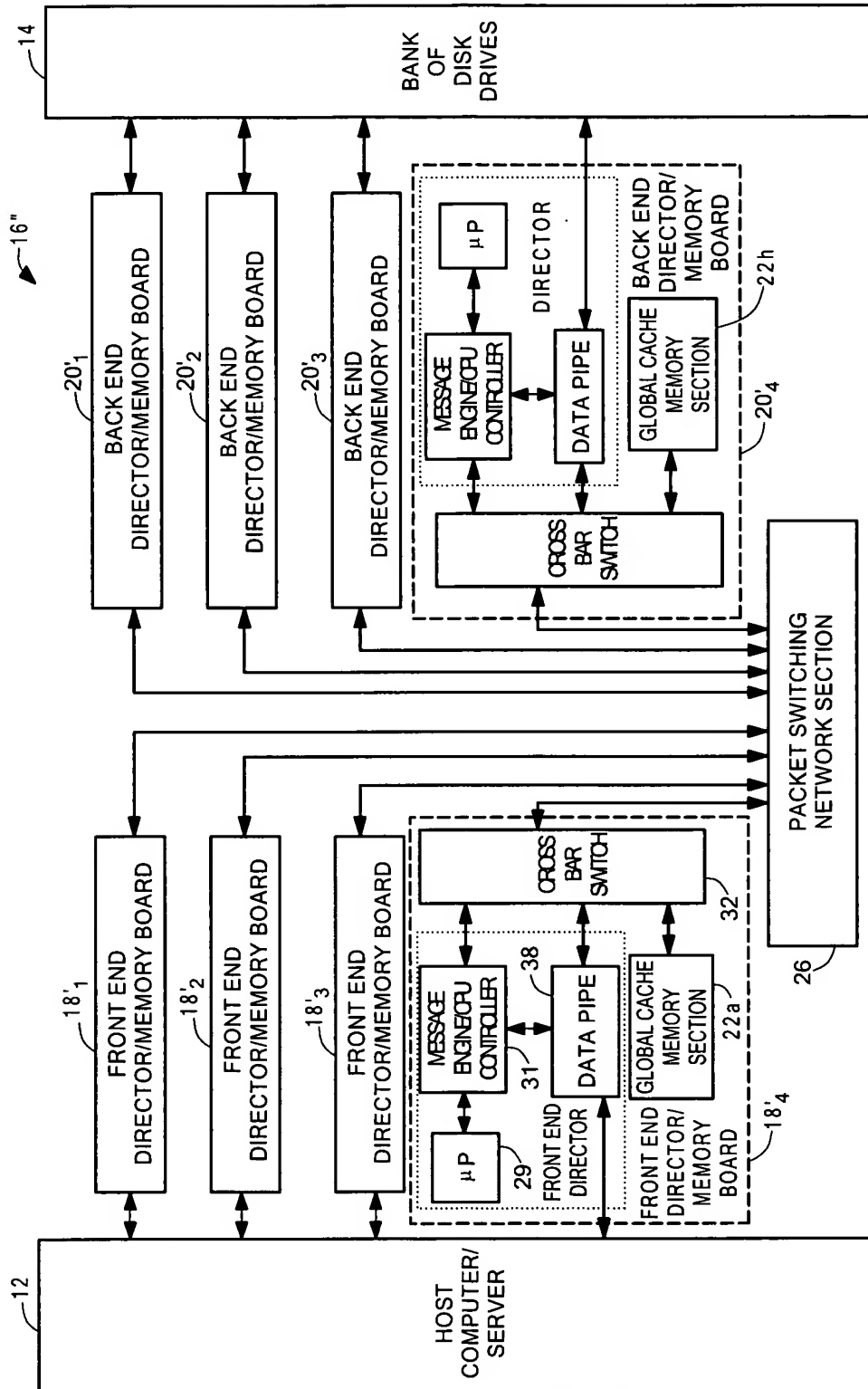


FIG. 5

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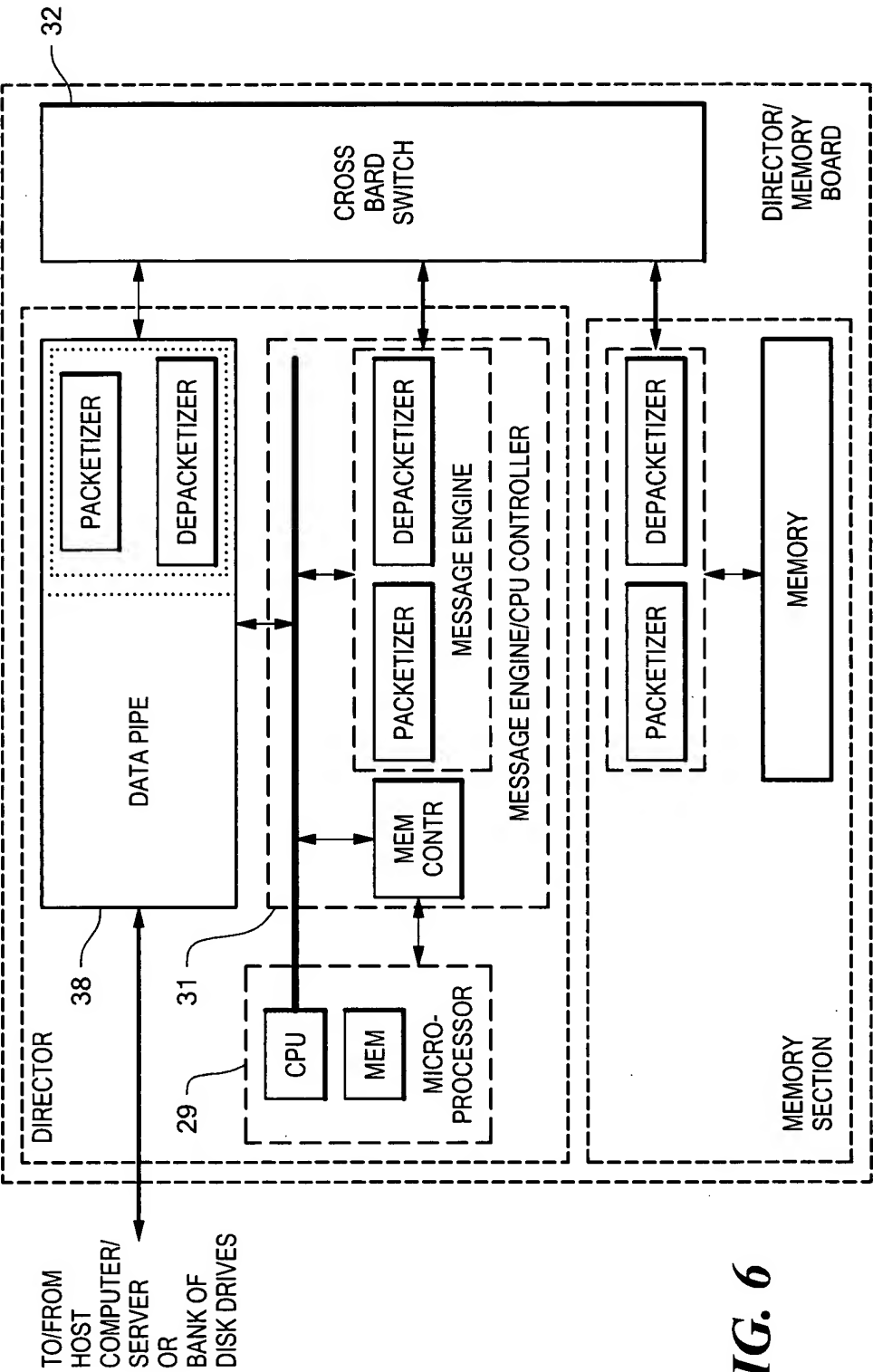


FIG. 6

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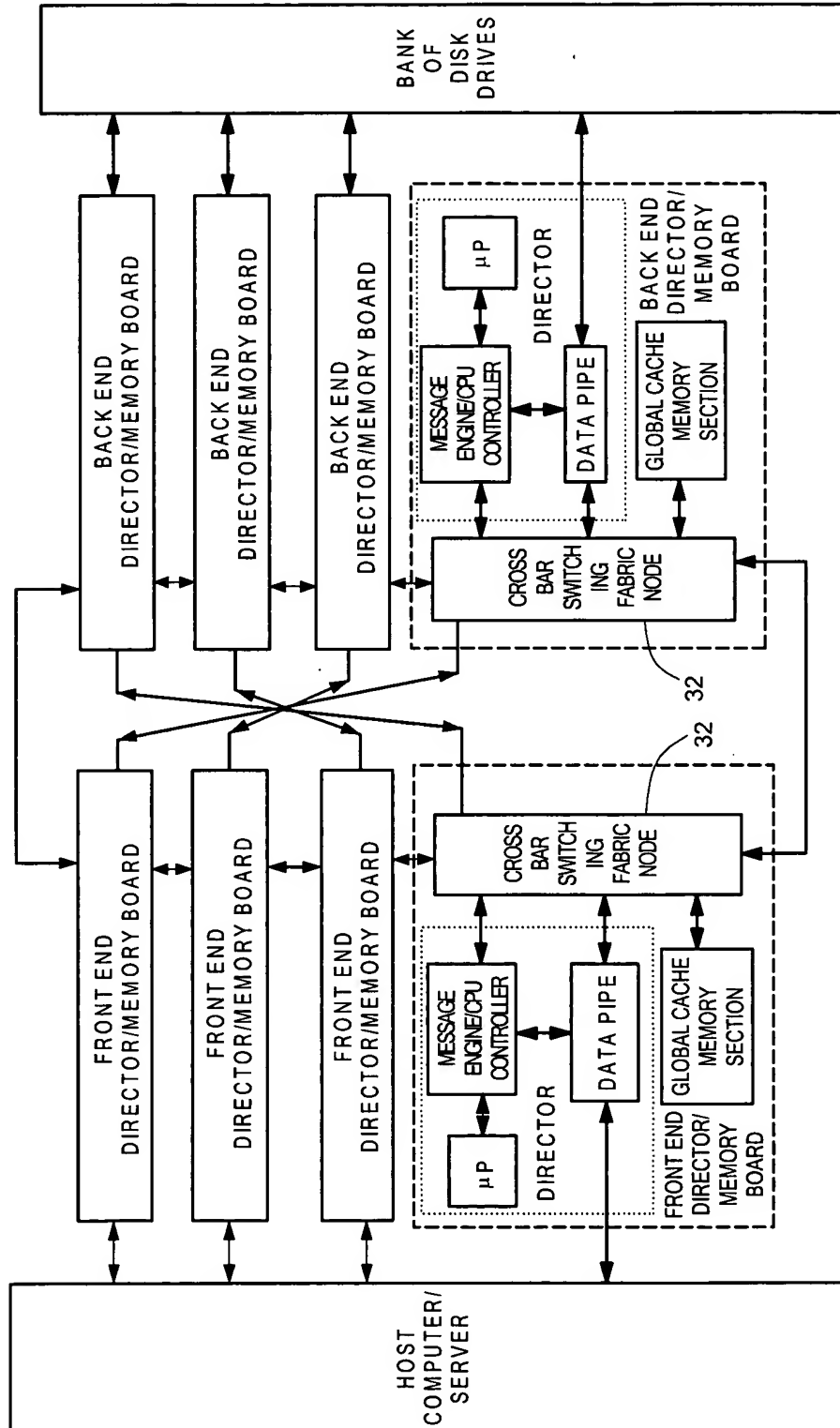


FIG. 7

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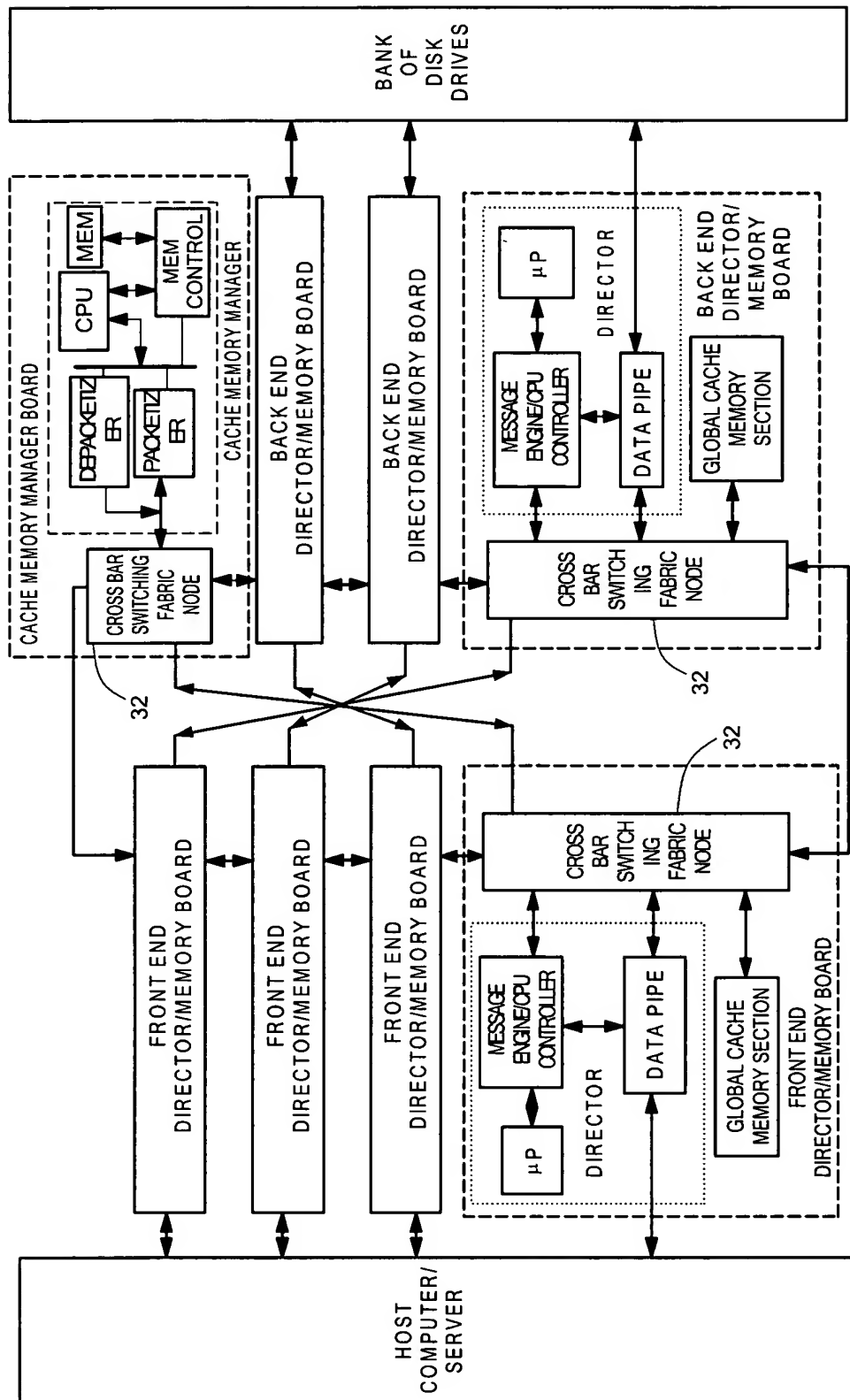


FIG. 7A

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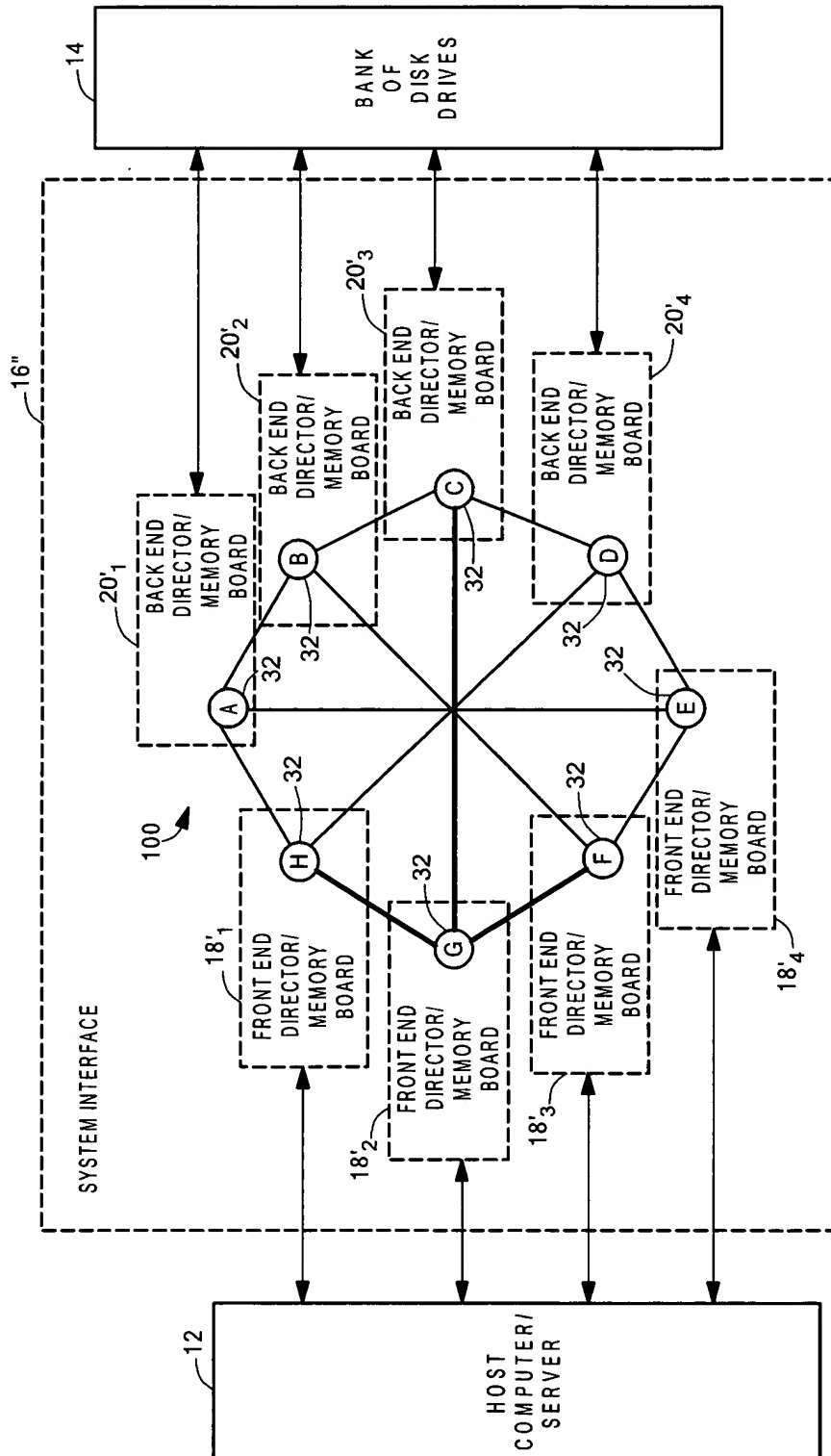


FIG. 8

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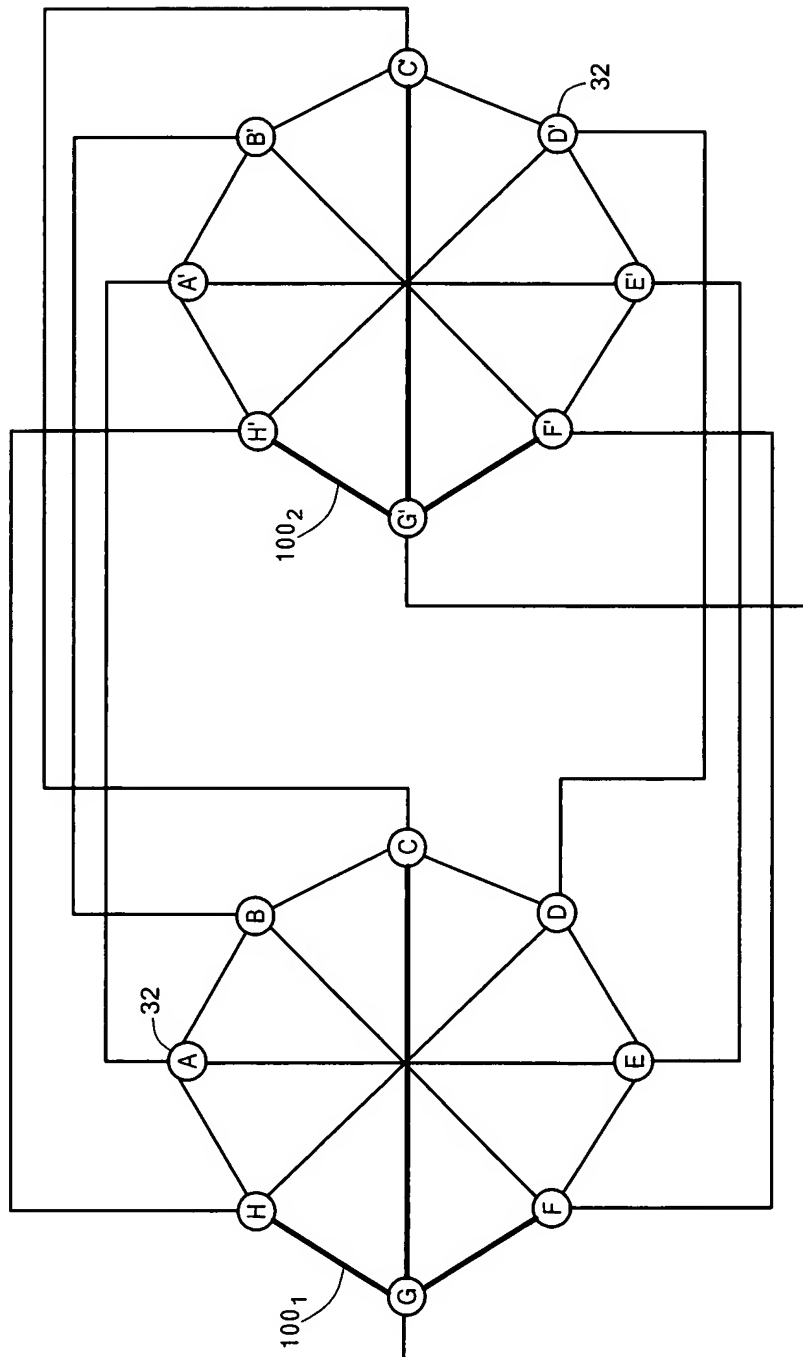
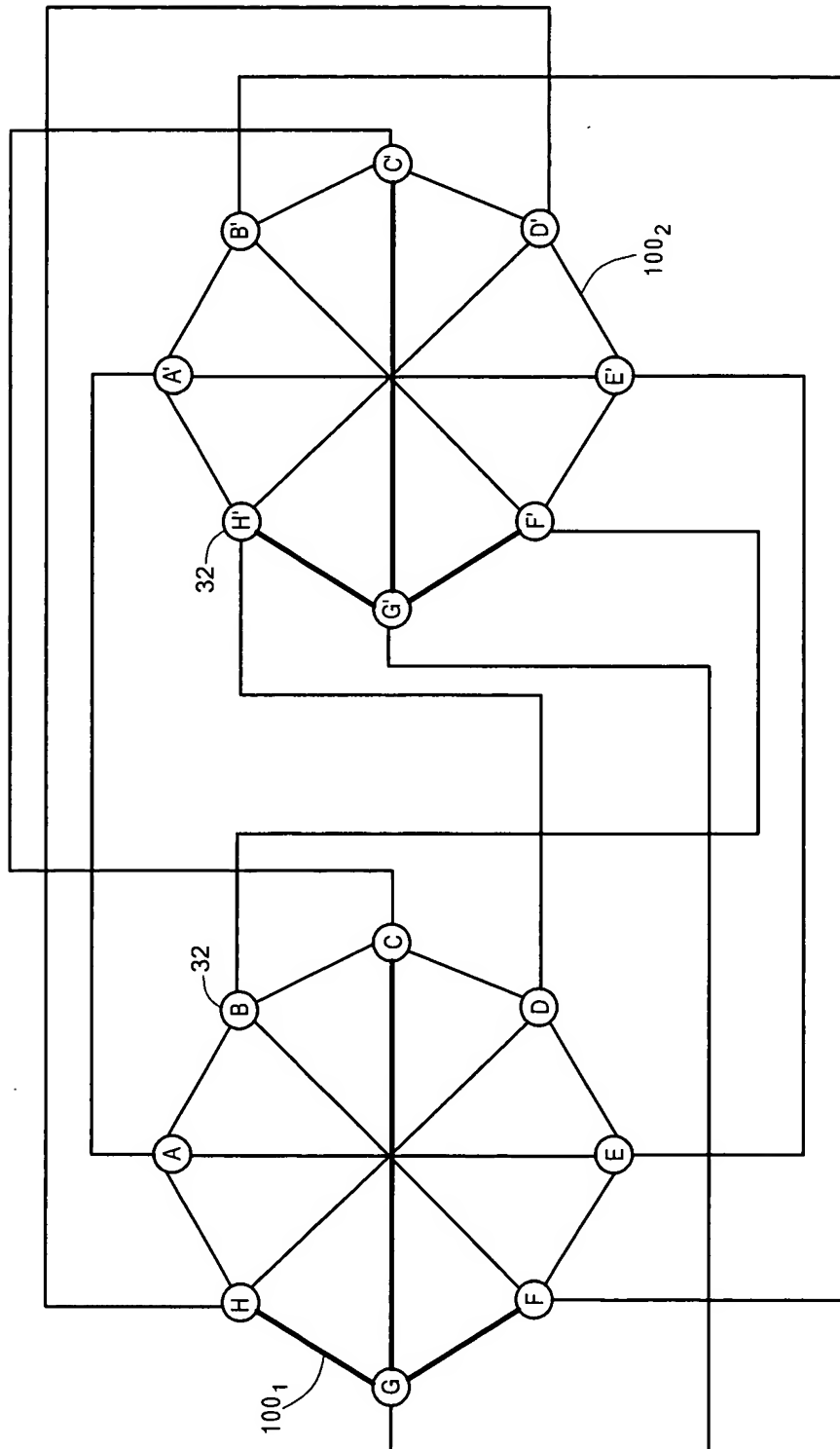


FIG. 9A

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FIG. 9B



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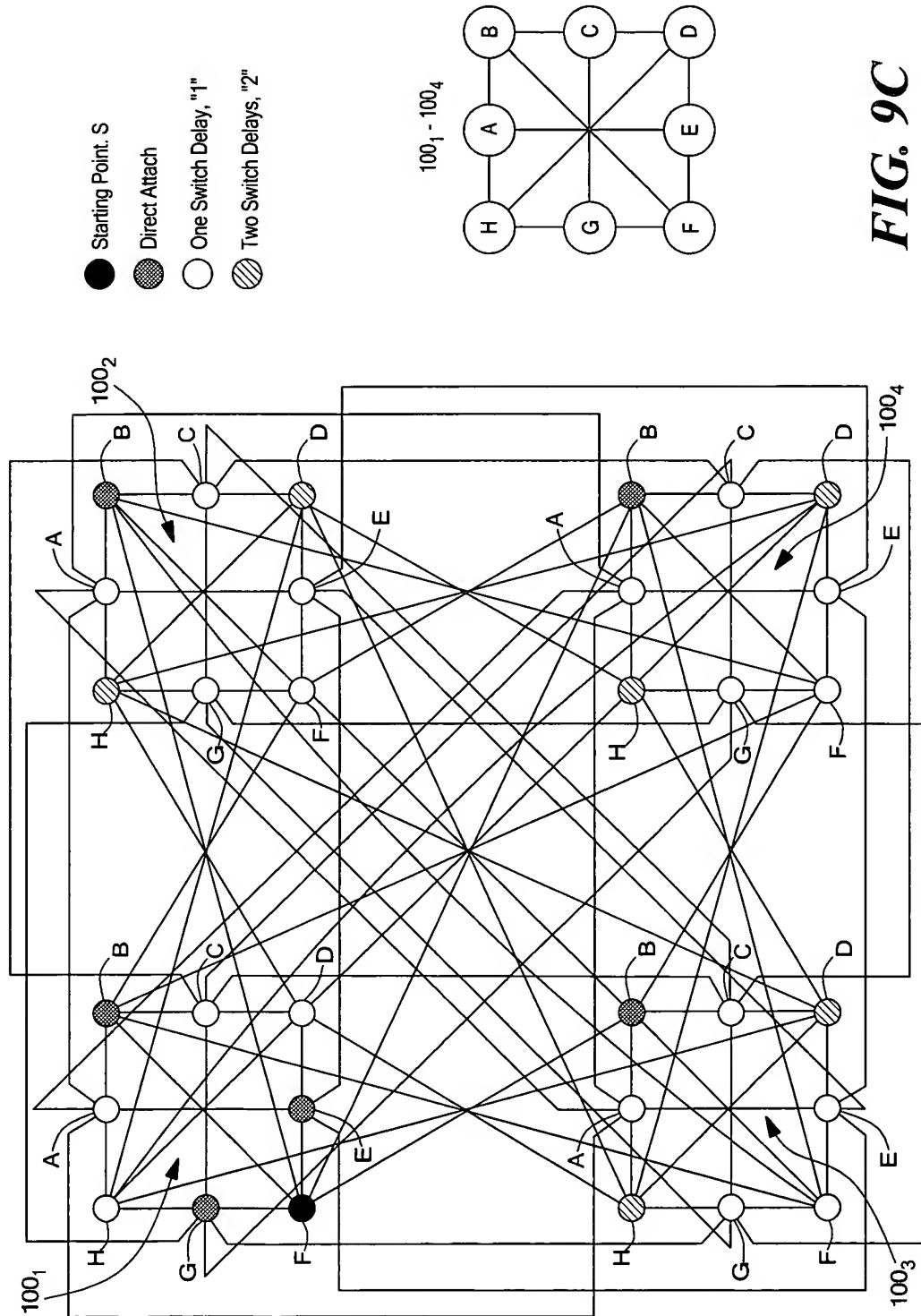
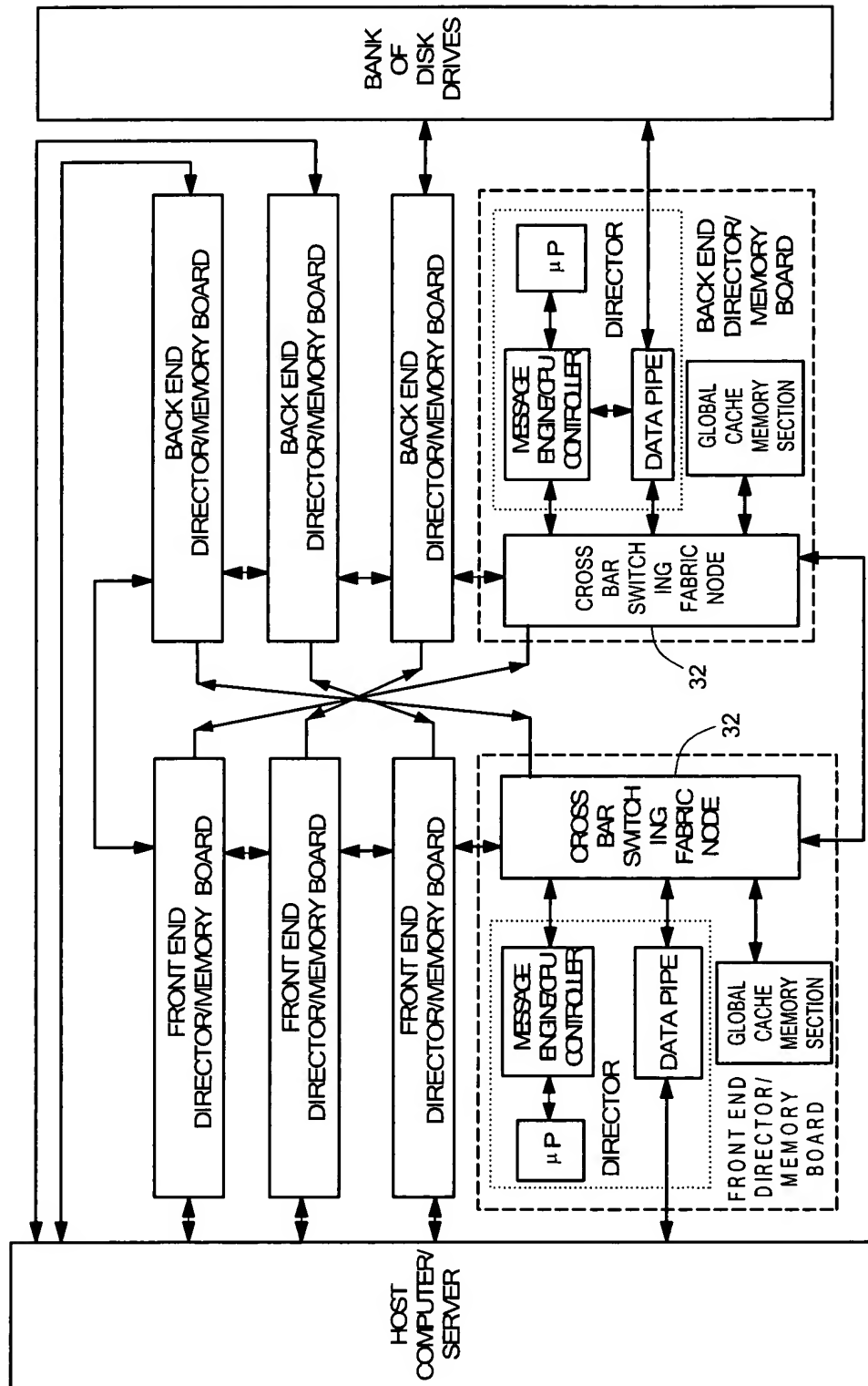


FIG. 9C



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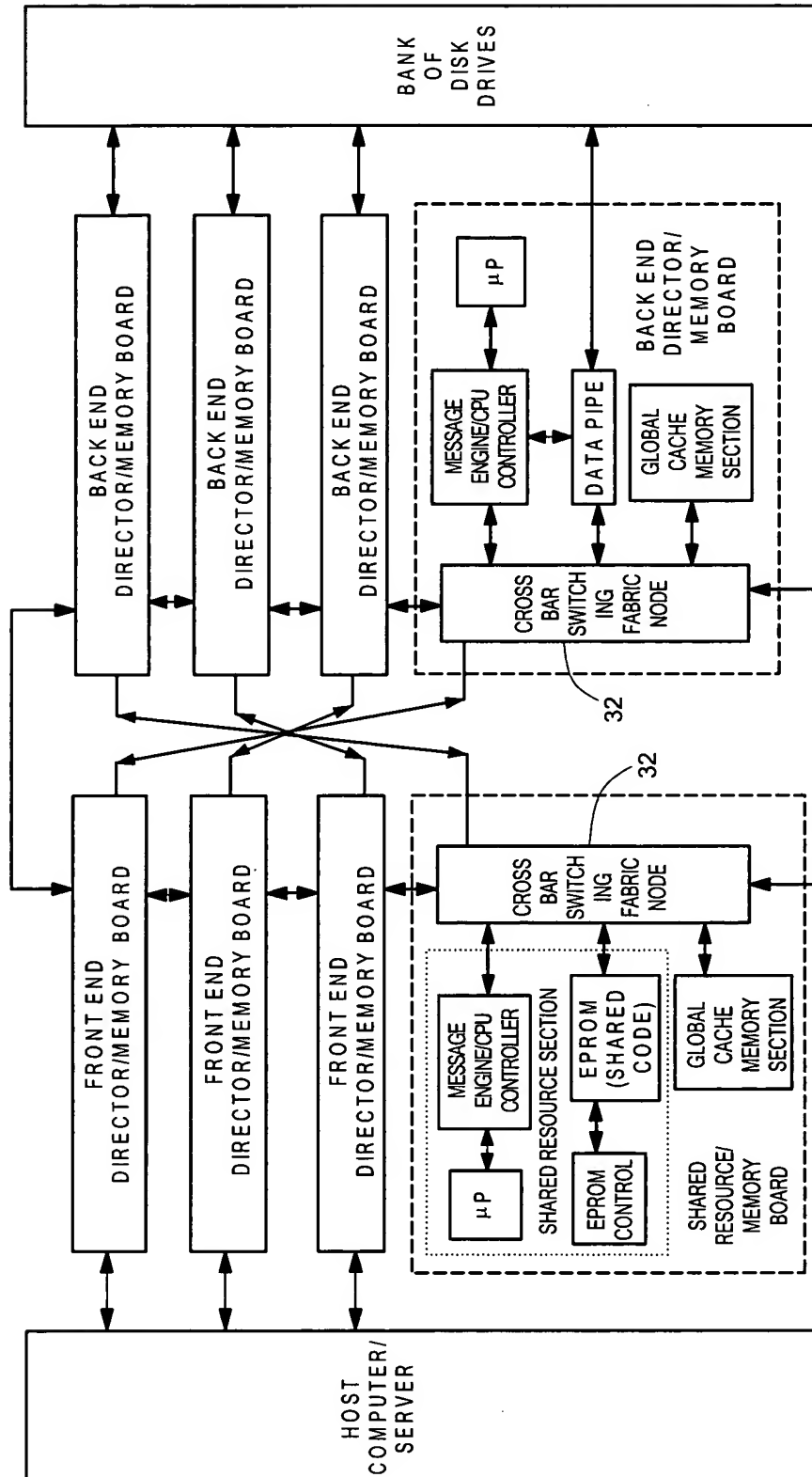
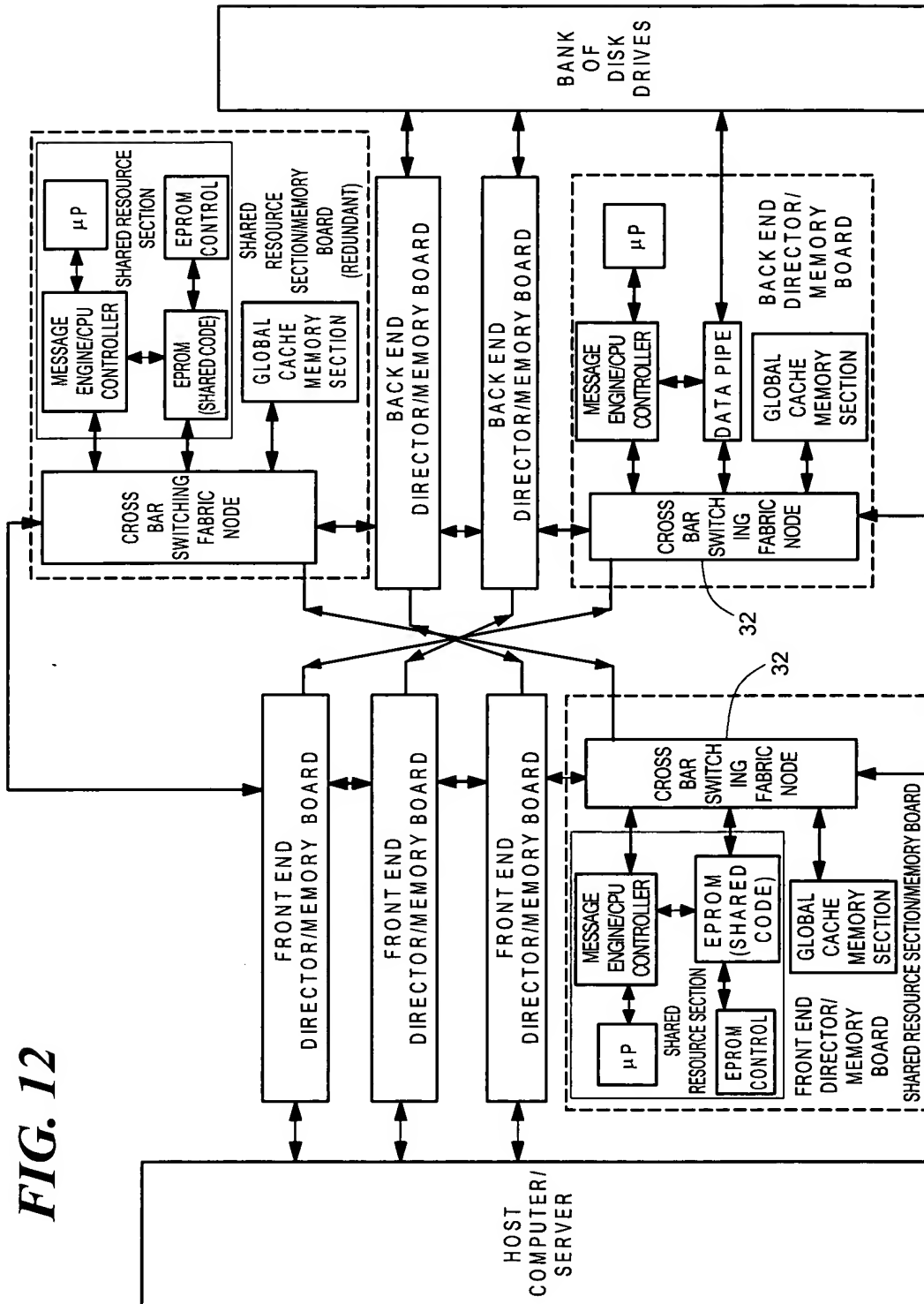


FIG. 11

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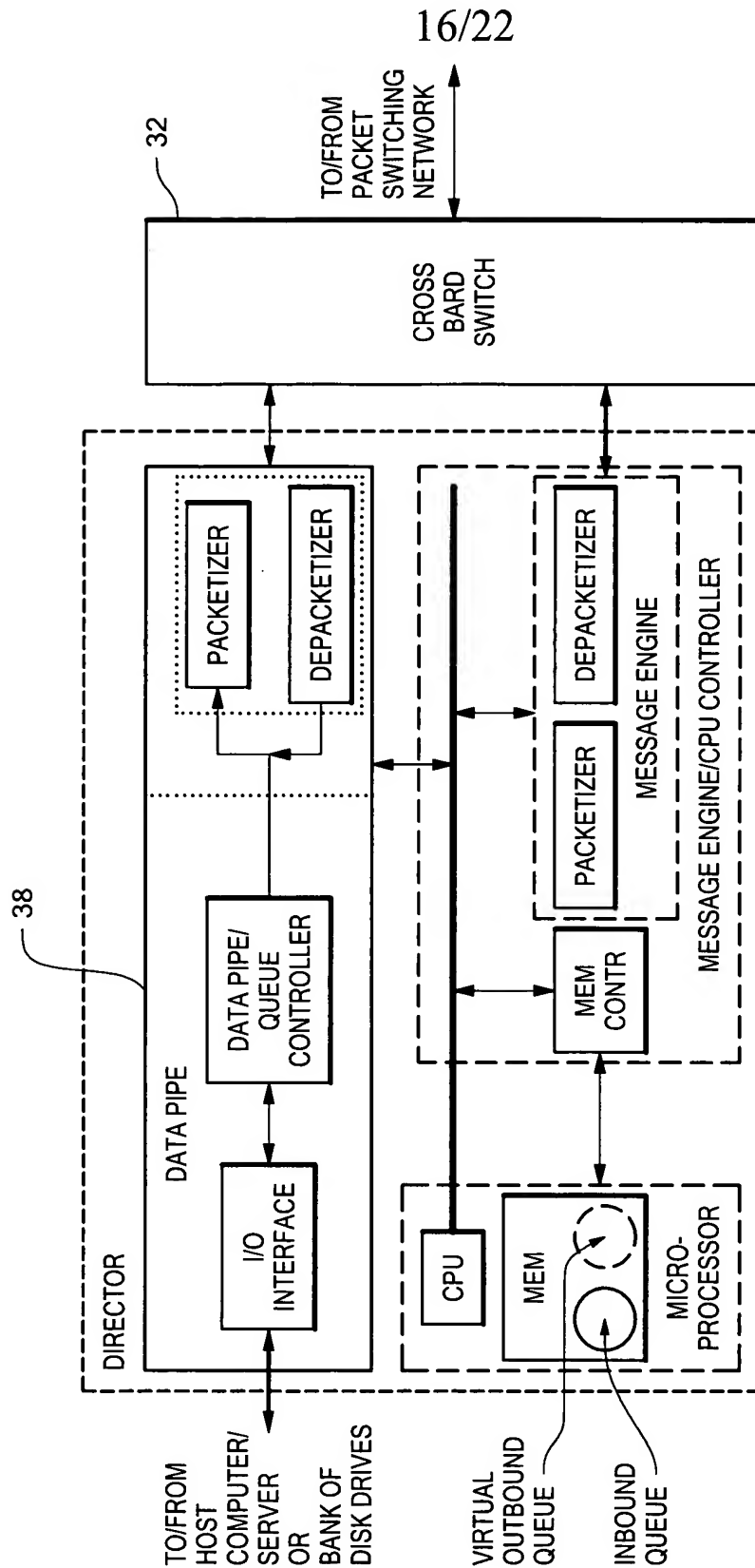


FIG. 13

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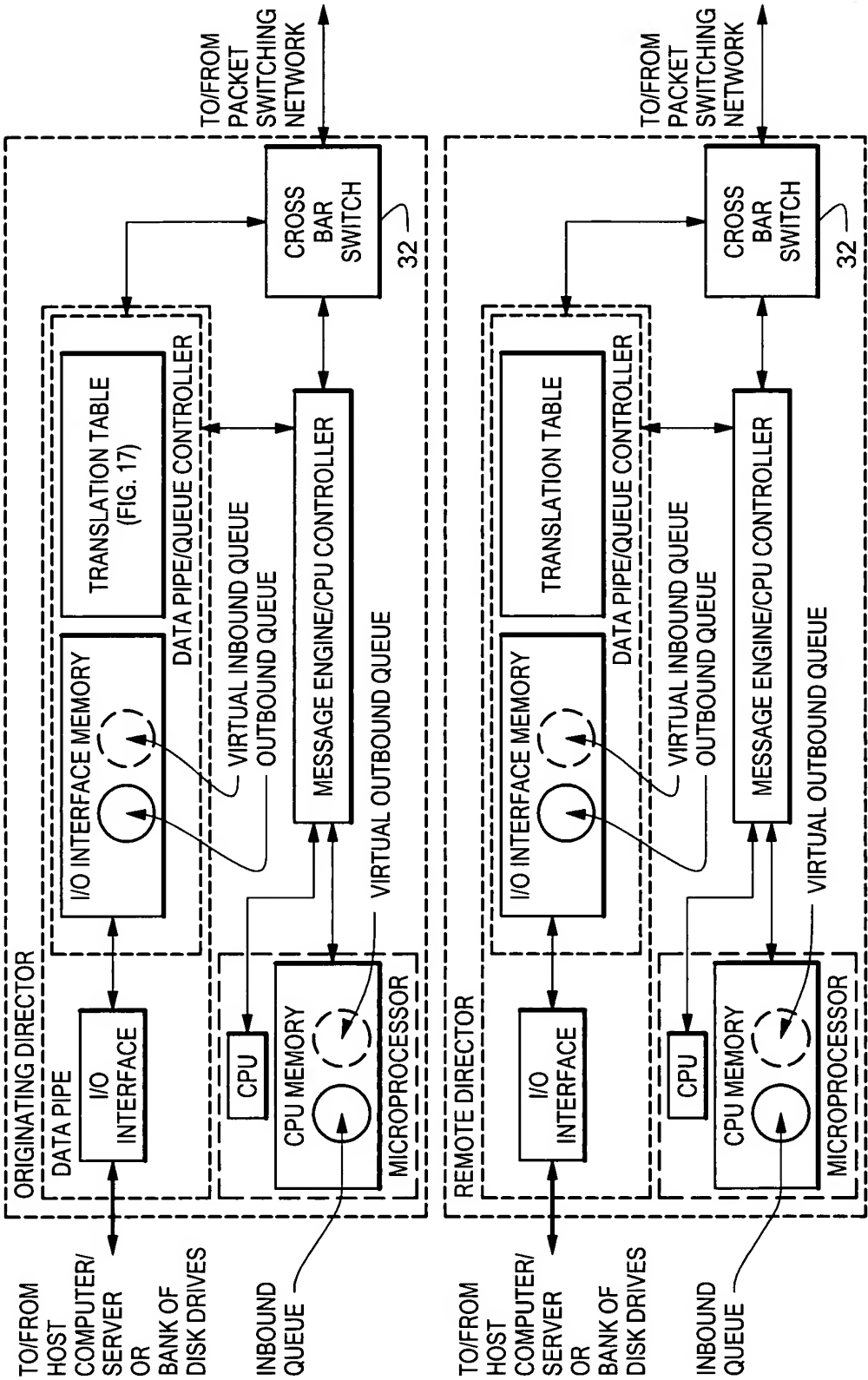


FIG. 14

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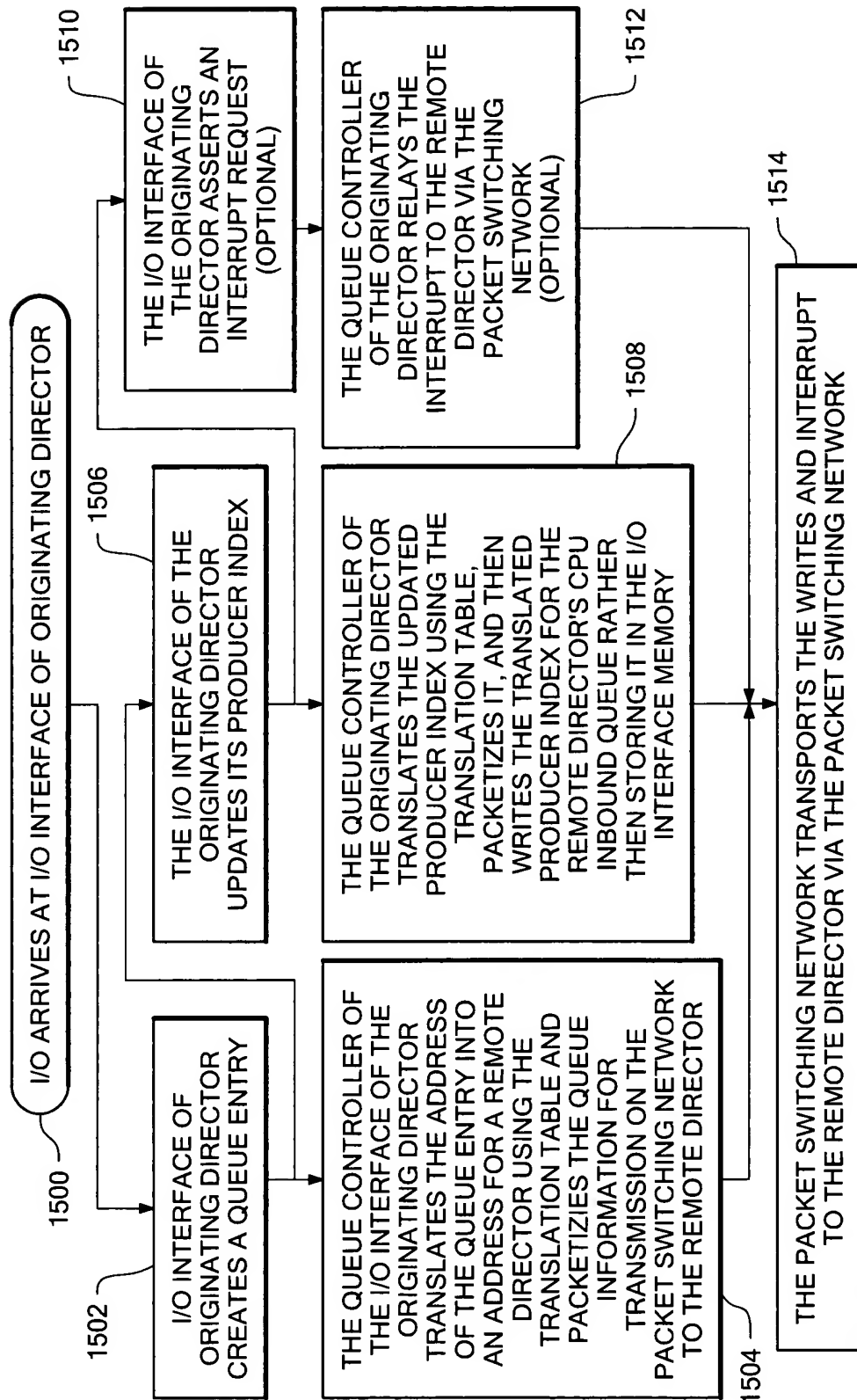


FIG. 15A

TO FIG. 15B

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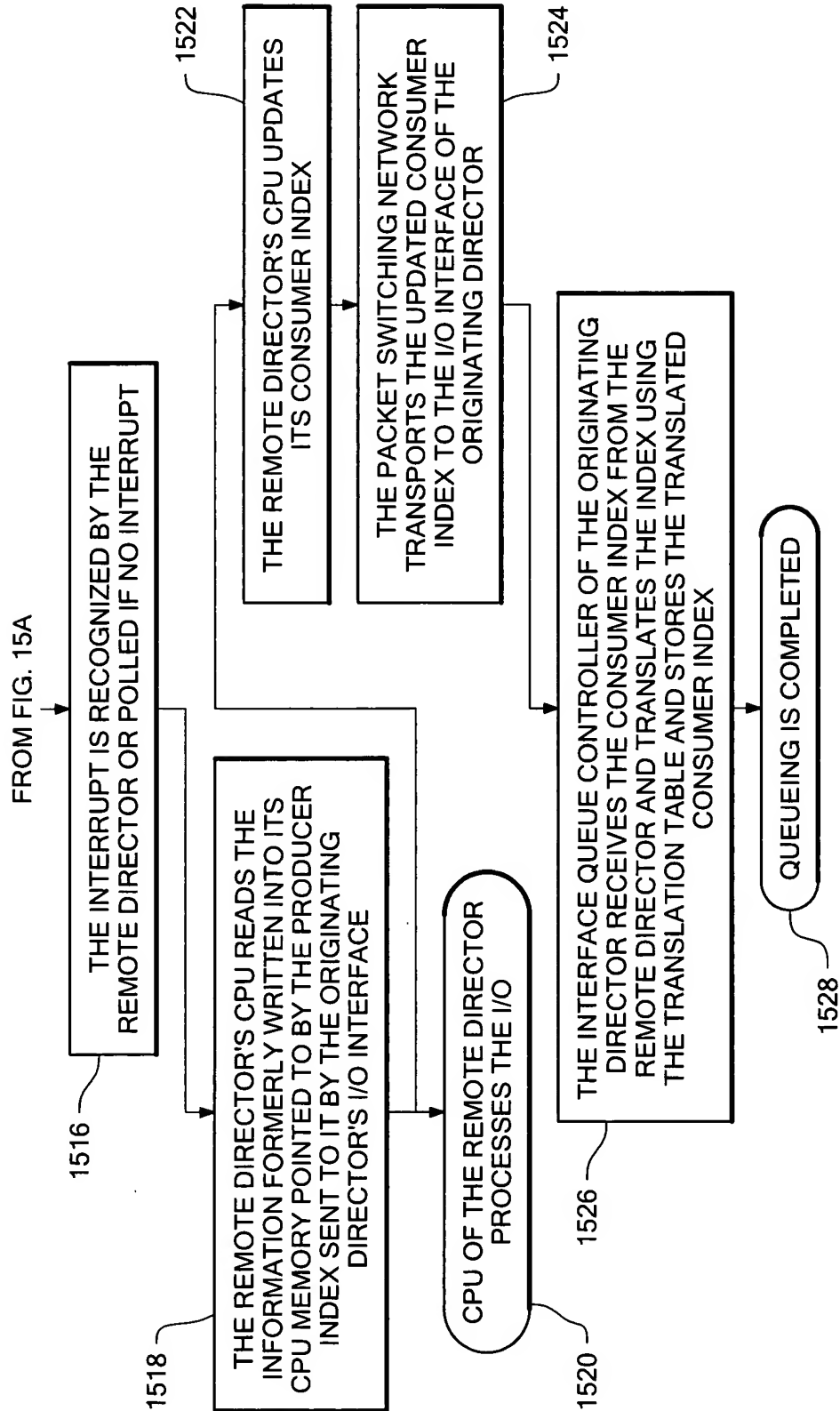


FIG. 15B

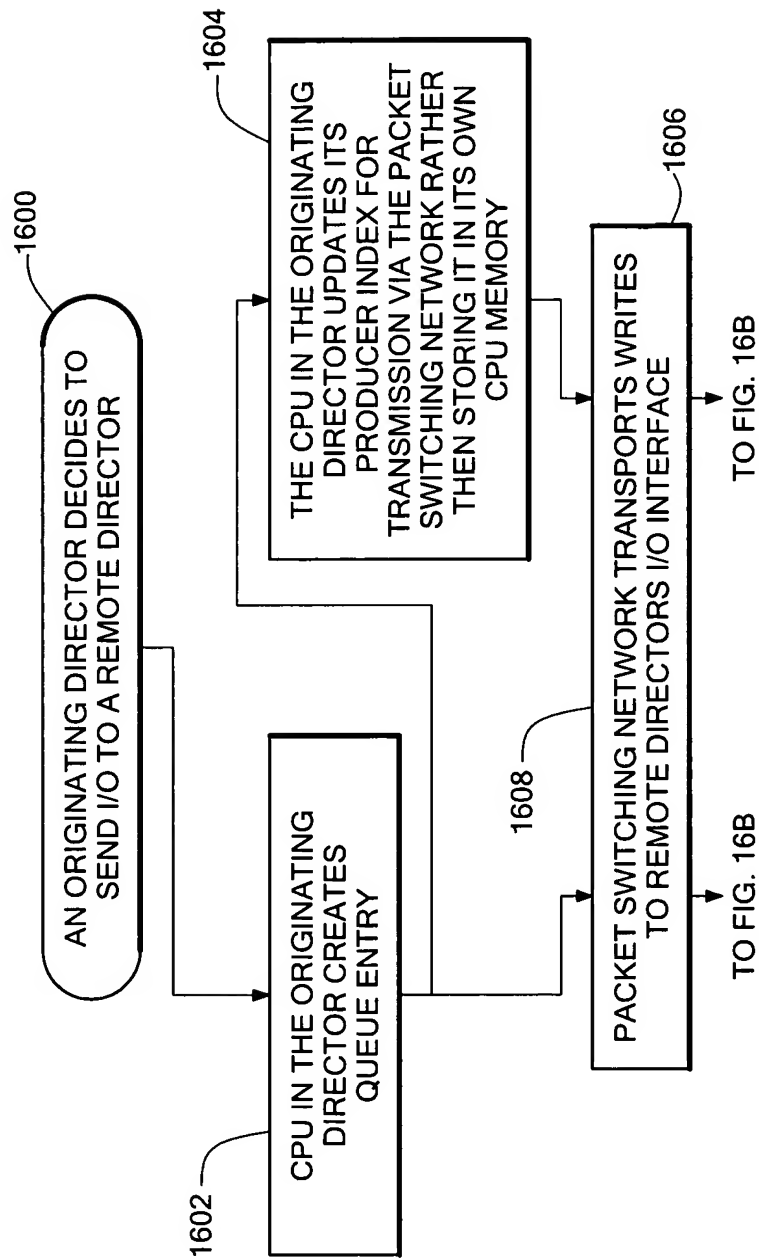


FIG. 16A

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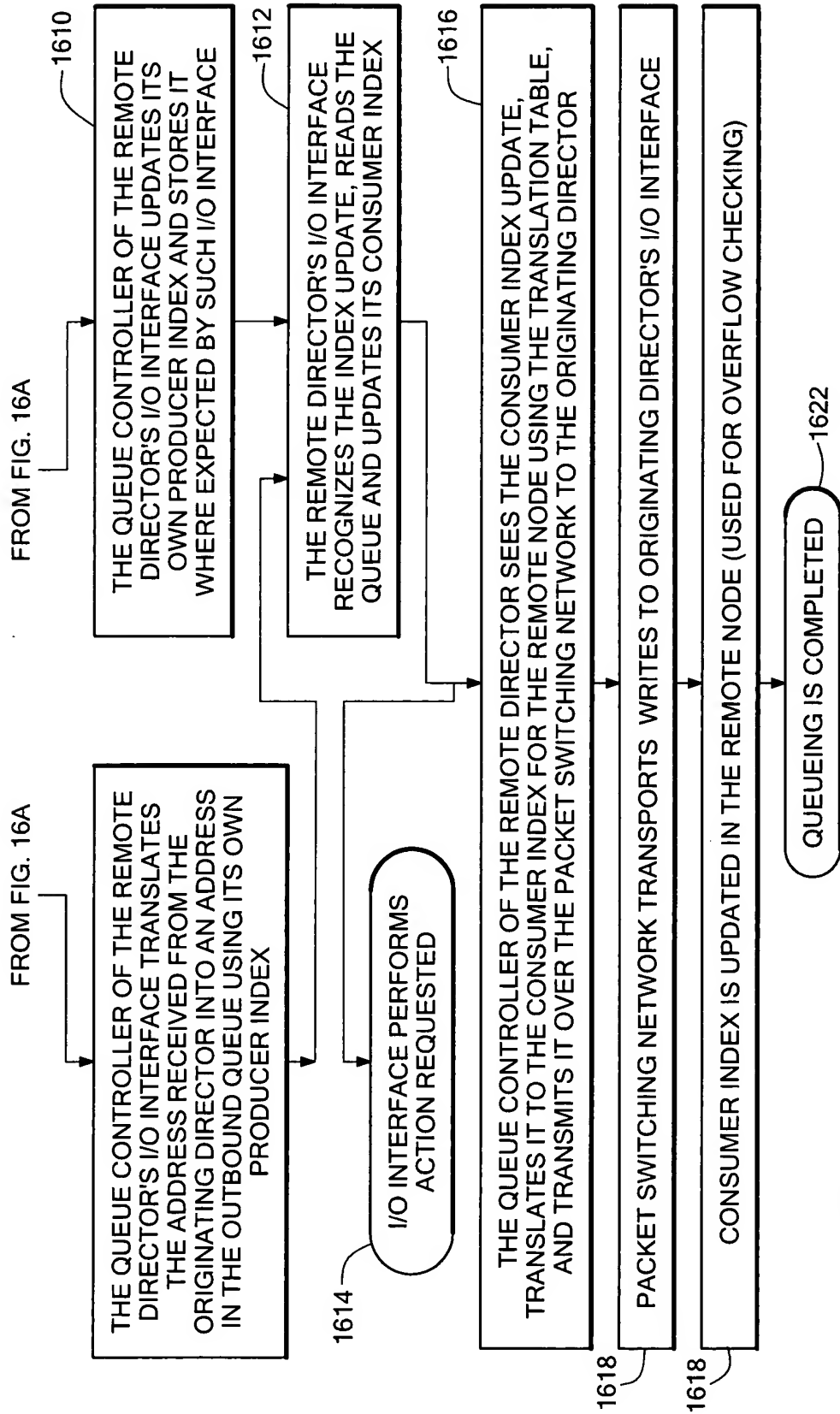


FIG. 16B

Translation Table Format

Address		Data	
f(x)	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
	Remote CPU Number	Remote Producer Index	Remote Consumer Index
...			
	Misc. Remote Info	Misc. Remote Info	Misc. Remote Info

FIG. 17